

# Mobile Applications for FACS

## Non-Cluster Specific

(Across-The-Board = Non-Program Specific)

### Name and Description of Project:

Use of modern technology can enhance the curriculum instruction of Family and Consumer Sciences. Mobile Applications through the interface of individual interactive devices; such as iPod, iPhone, and iPad and tablets; can be correlated to the curriculum standards set forth in course frameworks for multiple Family and Consumer Science courses. With the multitude of apps available at any given point, it is the instructors' responsibility to research, document, and implement activities that will engage students while providing real life applications of classroom knowledge and skills. The suggested curriculum should serve as an outline to connect real life applications to course frameworks and can be used as a starting point for further exploration into the use and development of related Apps. The attached example is a template for expected documentation needed to justify use in classroom instruction and connection to course frameworks.

### Major Activities:

- Professional development training for each teacher using mobile devices prior to classroom use.
- Technical support to insure proper implementation of software and hardware.
- Continued technical support and professional development as upgrades in software are made available.
- Purchase of additional Apps as the market changes.

### Performance Indicator:

CTE skill attainment

### Measurement:

The success of this project will be measured by improvements in end of course test results in general and specific improvement in objectives as documented for individual Apps.

### Professional Development:

Teachers will attend professional development provided by the state office to implement this project. Professional development is needed during the initial implementation and continued throughout use as teachers become more familiar with the mobile devices and as additional Apps are released or updated.

### Instructional Materials/Supplies:

None required, optional curriculum includes "50 App Activities for..." series from Learning Zone Express. Currently 4 titles to choose from including Financial Literacy, Food Safety, Life Skills and Interactive Classroom. \$34.95 each

### Equipment:

Mobile Tablet or devices with case, charger, adapter and earphones = Classroom set (example: iPad, iPod, etc.)

Additional accessories with justification for use with App and correlating framework

### Software:

Downloaded Apps as determined by the teacher and correlated to course frameworks. See attached example for correlating apps with frameworks.

## Guideline for correlation of mobile apps to Arkansas course frameworks:

### App Name

- Description of the App
- How it will be used in the classroom.

### Course (Objectives)

Course name (specific framework objectives enhanced)

List all that apply

<Sample>

### Ask The Butcher

- For a perfectly prepared piece of meat, just try Ask The Butcher. Learn about your favorite cuts, search through recipes, and tap the custom cooking timer before you begin roasting, grilling, or braising a juicy slab of beef, lamb, pork, or veal.
- Used to determine the best cut of meat to use in recipes, determine possible cooking methods to best prepare each cut of meat, identify which section of beef each cut comes from.

### Course (Objectives)

Food and Nutrition (2.4, 3.3, 3.4, 6.2)  
Intro to Culinary Arts (2.6, Unit 4, 5.18)  
Nutrition and Wellness (2.4, 3.2, 3.7, 3.8)  
Food Production (8.7)  
FACS (6.7, 6.14)

## Optional Curriculum Materials



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